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<211> 1141

<212> PRT

<213> Homo sapiens

<400> 437

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Cys Tyr Leu Phe Gly Ser Leu Leu Val Glu Leu Leu Phe Ser Arg
20 25 30

Ala Val Ala Phe Asn Leu Asp Val Met Gly Ala Leu Arg Lys Glu
35 40 45

Gly Glu Pro Gly Ser Leu Phe Gly Phe Ser Val Ala Leu His Arg
50 55 60

Gln Leu Gln Pro Arg Pro Gln Ser Trp Leu Leu Val Gly Ala Pro
65 70 75

Gln Ala Leu Ala Leu Pro Gly Gln Gln Ala Asn Arg Thr Gly Gly

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Leu Phe Ala Cys	Pro 95	Leu Ser Leu Glu	Glu 100	Thr Asp Cys Tyr	Arg 105
Val Asp Ile Asp	Gln 110	Gly Ala Asp Met	Gln 115	Lys Glu Ser Lys	Glu 120
Asn Gln Trp Leu	Gly 125	Val Ser Val Arg	Ser 130	Gln Gly Pro Gly	Gly 135
Lys Ile Val Thr	Cys 140	Ala His Arg Tyr	Glu 145	Ala Arg Gln Arg	Val 150
Asp Gln Ile Leu	Glu 155	Thr Arg Asp Met	Ile 160	Gly Arg Cys Phe	Val 165
Leu Ser Gln Asp	Leu 170	Ala Ile Arg Asp	Glu 175	Leu Asp Gly Gly	Glu 180
Trp Lys Phe Cys	Glu 185	Gly Arg Pro Gln	Gly 190	His Glu Gln Phe	Gly 195
Phe Cys Gln Gln	Gly 200	Thr Ala Ala Ala	Phe 205	Ser Pro Asp Ser	His 210
Tyr Leu Leu Phe	Gly 215	Ala Pro Gly Thr	Tyr 220	Asn Trp Lys Gly	Thr 225
Ala Arg Val Glu	Leu 230	Cys Ala Gln Gly	Ser 235	Ala Asp Leu Ala	His 240
Leu Asp Asp Gly	Pro 245	Tyr Glu Ala Gly	Gly 250	Glu Lys Glu Gln	Asp 255
Pro Arg Leu Ile	Pro 260	Val Pro Ala Asn	Ser 265	Tyr Phe Gly Phe	Ser 270
Ile Asp Ser Gly	Lys 275	Gly Leu Val Arg	Ala 280	Glu Glu Leu Ser	Phe 285
Val Ala Gly Ala	Pro 290	Arg Ala Asn His	Lys 295	Gly Ala Val Val	Ile 300
Leu Arg Lys Asp	Ser 305	Ala Ser Arg Leu	Val 310	Pro Glu Val Met	Leu 315
Ser Gly Glu Arg	Leu 320	Thr Ser Gly Phe	Gly 325	Tyr Ser Leu Ala	Val 330
Ala Asp Leu Asn	Ser 335	Asp Gly Trp Pro	Asp 340	Leu Ile Val Gly	Ala 345
Pro Tyr Phe Phe	Glu 350	Arg Gln Glu Glu	Leu 355	Gly Gly Ala Val	Tyr 360
Val Tyr Leu Asn	Gln 365	Gly Gly His Trp	Ala 370	Gly Ile Ser Pro	Leu 375

Arg	Leu	Cys	Gly	Ser	Pro	Asp	Ser	Met	Phe	Gly	Ile	Ser	Leu	Ala	
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Gly	Ala	Pro	Phe	Asp	Gly	Asp	Gly	Lys	Val	Phe	Ile	Tyr	His	Gly	
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Ser	Ser	Leu	Gly	Val	Val	Ala	Lys	Pro	Ser	Gln	Val	Leu	Glu	Gly	
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Glu	Ala	Val	Gly	Ile	Lys	Ser	Phe	Gly	Tyr	Ser	Leu	Ser	Gly	Ser	
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Leu	Asp	Met	Asp	Gly	Asn	Gln	Tyr	Pro	Asp	Leu	Leu	Val	Gly	Ser	
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Leu	Ala	Asp	Thr	Ala	Val	Leu	Phe	Arg	Ala	Arg	Pro	Ile	Leu	His	
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Val	Ser	His	Glu	Val	Ser	Ile	Ala	Pro	Arg	Ser	Ile	Asp	Leu	Glu	
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Gln	Pro	Asn	Cys	Ala	Gly	Gly	His	Ser	Val	Cys	Val	Asp	Leu	Arg	
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Val	Cys	Phe	Ser	Tyr	Ile	Ala	Val	Pro	Ser	Ser	Tyr	Ser	Pro	Thr	
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Val	Ala	Leu	Asp	Tyr	Val	Leu	Asp	Ala	Asp	Thr	Asp	Arg	Arg	Leu	
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Arg	Gly	Gln	Val	Pro	Arg	Val	Thr	Phe	Leu	Ser	Arg	Asn	Leu	Glu	
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Glu	Pro	Lys	His	Gln	Ala	Ser	Gly	Thr	Val	Trp	Leu	Lys	His	Gln	
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His	Asp	Arg	Val	Cys	Gly	Asp	Ala	Met	Phe	Gln	Leu	Gln	Glu	Asn	
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Val	Lys	Asp	Lys	Leu	Arg	Ala	Ile	Val	Val	Thr	Leu	Ser	Tyr	Ser	
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Leu	Gln	Thr	Pro	Arg	Leu	Arg	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	
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Pro	Pro	Val	Ala	Pro	Ile	Leu	Asn	Ala	His	Gln	Pro	Ser	Thr	Gln	
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Arg	Ala	Glu	Ile	His	Phe	Leu	Lys	Gln	Gly	Cys	Gly	Glu	Asp	Lys	
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Ile	Cys	Gln	Ser	Asn	Leu	Gln	Leu	Val	His	Ala	Arg	Phe	Cys	Thr	
				650					655					660	
Arg	Val	Ser	Asp	Thr	Glu	Phe	Gln	Pro	Leu	Pro	Met	Asp	Val	Asp	